

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC), Div. 26, Part 5, Chap. 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515 and 39516 and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That the following exhaust and evaporative emission control systems produced by the manufacturer are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	TEST GROUP	VEHICLE TYPE	EXHAUST EMISSION STANDARD CATEGORY	FUEL TYPE
2002	2CRXT03.32DP	3751-5750 Pounds Loaded Vehicle Weight Light Duty Truck	Low Emission Vehicle (LEV)	Flexible Fuel Gasoline or Ethanol
No.	EVAPORATIVE FAMILY (EVAP)	No.	SPECIAL FEATURES & EMISSION CONTROL SYSTEMS (ECS)	* = not applicable
1	2CRXR0165XAA	1	HO2S(2), TWC, EGR, SFI, OBD (P)	
2	*	2	*	
3	*	3	*	
4	*	4	*	
EVAP No.	ECS No.	ENGINE SIZE (L)	VEHICLE MAKES & MODELS	VEHICLES SUBJECT TO SFTP STANDARDS ARE UNDERLINED
1	1	3.3	Chrysler: Town & Country, Voyager, Voyager SE; Dodge: Caravan, Caravan SE, Grand Caravan	
*	*	*	*	
*	*	*	*	
*	*	*	*	

TWC = 3-way catalytic converter  
TWC ADSTWC = adsorber TWC  
catalytic converter  
HO2S = heated O2S  
AIR = secondary air injection  
MFI = multiport fuel injection  
TC/SC = turbo/super charger  
OBD (F) / OBD (P) = on-board diagnosis; full / partial compliance (prefix) 2 = parallel (2) (suffix) = series

WUTWC = warm-up  
OC = oxidation  
O2S = oxygen sensor  
EGR = exhaust gas recirculation  
PAIR = pulsed AIR  
SFI = sequential MFI  
CAC = charge air cooler

ABBREVIATIONS:

The exhaust and evaporative emission standards (STD) and certification emission levels (CERT) for the listed vehicles are as follows. Any debit in the manufacturer's compliance plan for "NMOG Fleet Average" (passenger cars and light-duty trucks) or "Vehicle Equivalent Credit" (medium-duty vehicles) shall be equalized as required. The 50° Fahrenheit standards and CERT levels are listed below or compliance has been met based on the manufacturer's submitted compliance plan in lieu of actual testing. (Emission standards and certification levels in parentheses are for gasoline.)

NMOG FLEET AVERAGE [g/mi]		NMOG [g/mi] @RAF = 0.73 CH4 RAF = *		CH4 = methane NMOG = non-CH4 organic gas NMHC = non-CH4 hydrocarbon CO = carbon monoxide NOx = oxides of nitrogen HCHO = formaldehyde PM = particulate matter RAF = reactivity adjustment factor												
CERT	STD	CERT	STD	CO [g/mi]		NOx [g/mi]		HCHO [mg/mi]		PM [g/mi]		Hwy NOx [g/mi]				
0.095	0.095	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD			
K = 1000 miles	@ 50K	0.059 (0.071)	0.100 (0.160)	0.8 (1.6)	4.4 (4.4)	0.23 (0.28)	0.4 (0.4)	2 (1)	18 (18)			0.1 (0.1)	0.5 (0.5)			
	@ 120K	0.059 (0.071)	0.130 (0.200)	0.8 (1.6)	5.5 (5.5)	0.23 (0.28)	0.5 (0.5)	2 (1)	23 (23)			0.1 (0.1)	0.7 (0.7)			
	@ 50°F, 4K	*	*	*	*	*	*	*	*	*	*	*	*			
CO [g/mi] @ 20°F, 50K		g = gram mg = milligram mi = mile	NMHC+NOx [g/mi] (composite)		NMHC+NOx [g/mi] [US06]		CO [g/mi] [US06]		NMHC+NOx [g/mi] [SC03]		CO [g/mi] [SC03]					
CERT	STD		CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD				
4.3 (7.2)	12.5 (12.5)		*	*	0.10	0.25	5.3	10.5	0.17	0.27	0.3	3.5				
F = degree Fahrenheit			@ 4K	*	*	*	*	*	*	*	*	*				
		@ 120K	*	*	*	*	*	*	*	*	*	*				
@ 120K	EVAPORATIVE FAMILY 1				EVAPORATIVE FAMILY 2				EVAPORATIVE FAMILY 3				EVAPORATIVE FAMILY 4			
	3-D	2-D	RL	ORVR	3-D	2-D	RL	ORVR	3-D	2-D	RL	ORVR	3-D	2-D	RL	ORVR
	CERT	1.2	1.4	0.000	0.04	*	*	*	*	*	*	*	*	*	*	*
STD	2.0	2.5	0.05	0.20	*	*	*	*	*	*	*	*	*	*	*	*
2-D, 3-D [g/test] = 2-day, 3-day diurnal and hot-soak RL [g/mi] = running loss ORVR [g/gallon of fuel dispensed] = on-board refueling vapor recovery																

BE IT FURTHER RESOLVED: That for the listed vehicle models, the manufacturer has attested to compliance with Title 13, California Code of Regulations, (13 CCR) Sections 1965 (labeling), 1968.1 or 1968.1(m)(6.2) (on-board diagnostic systems; full or partial compliance), 2035 et seq. (emission control warranty), 2235 (fuel tank fill pipes and openings), and "High-Altitude Requirements" and "Inspection and Maintenance Emission Standards" (California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles).

Vehicles certified under this Executive Order shall conform to all applicable California emission regulations. The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Executed at El Monte, California on this 3rd day of July 2001. 

R. B. Summerfield, Chief  
Mobile Source Operations Division